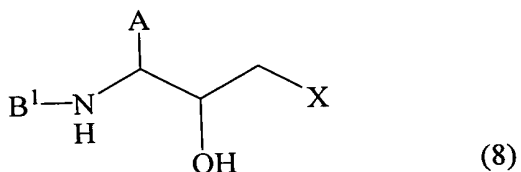


AMENDMENTS TO THE CLAIMS

1. – 12. (Cancelled).

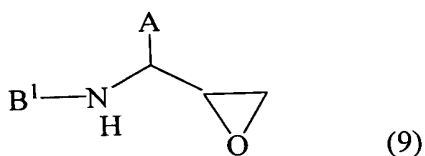
13. (Original) A process for producing N-protected β -aminoalcohols of following general formula (8):



wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; B¹ represents a protecting group for the amino group; and X represents a halogen atom,

which comprises the steps of producing an N-protected α -aminohalomethyl ketone of general formula (3) by the process of claim 1, and then reducing this ketone.

14. (Original) A process for producing N-protected β -aminoepoxides of following general formula (9):

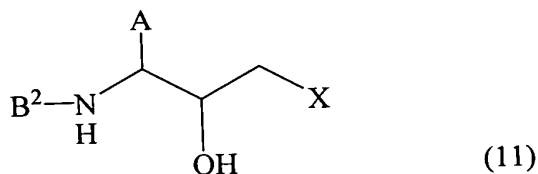


wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; and B¹ represents a protecting group for the amino group,

which comprises the steps of producing an N-protected β -amino alcohol of general formula (8) by the process of claim 13, and then treating this alcohol with a base.

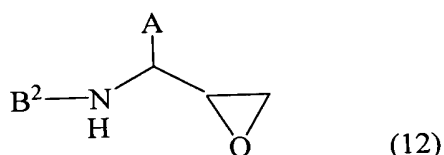
15. (Canceled)

16. (Original) A process for producing N-protected β -aminoalcohols of following general formula (11):



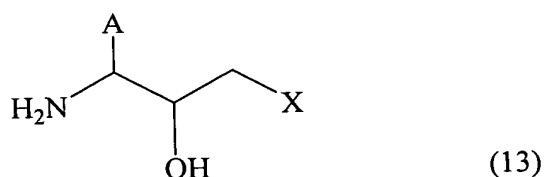
wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; B² represents a protecting group for the amino group; and X represents a halogen atom, which comprises the steps of producing an N-protected α -aminohalomethyl ketone of general formula (10) by the process of claim 15, and then reducing this ketone.

17. (Original) A process for producing N-protected β -aminoepoxides of following general formula (12):

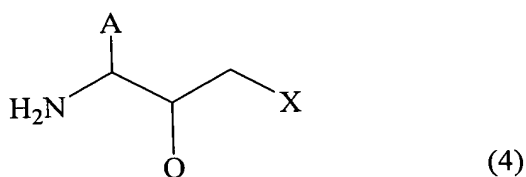


wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; B² represents a protecting group for the amino group; and X represents a halogen atom, by which comprises the steps of producing an N-protected β -amino alcohol of general formula (11) by the process of claim 16, and then treating this alcohol with a base.

18. (Original) A process for producing β -aminoalcohols of following general formula (13):



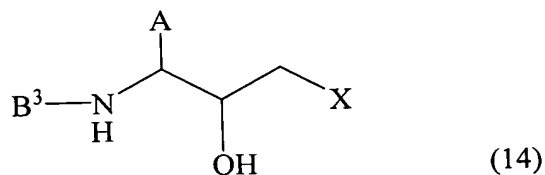
wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; and X represents a halogen atom, or salts thereof, by which comprises the steps of producing an α -aminohalomethyl ketone of general formula (4):



wherein A and X are as defined above

or a salt thereof by the process of claim 1, and then reducing this ketone.

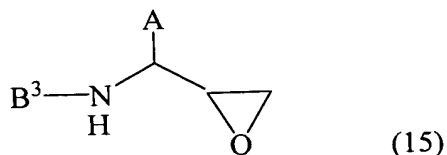
19. (Original) A process for producing N-protected β -aminoalcohols of following general formula (14):



wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; B³ represents a protecting group for the amino group; and X represents a halogen atom,

which comprises the steps of producing a β -aminoalcohol of general formula (13) or a salt thereof by the process of claim 18, and then protecting the amino group thereof with a protecting group.

20. (Original) A process for producing N-protected β -aminoepoxides of following general formula (15):



wherein A represents an unsubstituted or substituted alkyl group having 1 to 10 carbon atoms, aryl group having 6 to 15 carbon atoms or aralkyl group having 7 to 20 carbon atoms, or a group corresponding thereto which contains a hetero atom in the carbon skeleton; and B³ represents a protecting group for the amino group,

by which comprises the steps of producing an N-protected β -amino alcohol of general formula (14) by the process of claim 19, and then treating this alcohol with a base.

21. – 22. (Canceled)